## JC06 Rec'd PCT/PTO 10 JUN 2005

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known			
				Application Number	11/5385 (file herewith)		
INFORMATION DISCLOSURE				Filing Date	46710/2005		
STAT	STATEMENT BY APPLICANT (Use as many sheets as necessary)			First Named Inventor	Beth Friedman		
(				Group Art Unit			
				Examiner Name			
Sheet	1	of	2	Attorney Docket Number	US3021 (111845-0056)		

		U	.S. PATENT DOCU	MENTS			
Examiner Initials*	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, When Relevant Passages or Relevant Figures Appear		
muais	ļ	Number-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY				
	A1		<del> </del>			<del>,</del>	
	ļ				1.		
	ļ			·			
						· · · · · · · · · · · · · · · · · · ·	
			ļ	ļ	_		
			<u> </u>	·		,	
<del></del>	ļ		ļ				
	<u> </u>				ļ		
			ļ	· · · · · · · · · · · · · · · · · · ·			
			1				
		<u> </u>			-		
					-		
	<u> </u>						
						<del></del>	
	-	FOR	 EIGN PATENT DOO	LIMENTS	<u> </u>		
<del></del> -			T T	Name of Patentee or	Pages (	Column Lines	γ-
		Foreign Patent Document	Publication	Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages or Relevant Figures Appear		١.
Examiner nitials*	Cite No.1	Country Code <sup>3</sup> - Number <sup>4</sup> -Kind Code <sup>5</sup> (known)	Date MM-DD-YYYY				T⁰
/hmj/	A1	WO 03/060477 A2	07-24-2003	The Regents of the Univ. of California			
					7		
			<del></del>				├-
				·	<del></del>		╁
	Y4						匚
xaminer S	ignature	Henry M. Johnsor	n, III/	Date Consid	lered	03/16/20	nn7

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

'Unique citation designation number. 'See attached Kinds of U.S. Patent Documents. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent documents. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 'Applicant is to place a check mark here if

\*Kind of document by the appropriate symbols as indicated on the document under wire obtained in the possible. Application is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## 10 JUN 2005

Approved for use through 07/31/2006. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO			Complete if Known				
				Application Number	1.7538548(filed herewith)		
INFORMATION DISCLOSURE				Filing Date	06/10/2005		
	IENT BY APP		_	First Named Inventor	Beth Friedman		
(Use as many sheets as necessary)				Group Art Unit			
	•		•	Examiner Name			
Sheet	2	of	2	Attorney Docket Number	US3021 (111845-0056)		

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (whe magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-country where published.			T²		
/hmj/ BA		MITRA, P., et al., "Analysis of Dynamic Optical Imaging Data", Imaging Neurons: A Laboratory Manual (R. Yuste, et al., editors), 1999, pp. 9.1-9.9, Cold Spring Harbor Laboratory Press					
	88	KLEINFELD, D., et al., "Two-photon Imaging of Neocortical Microcin Laboratory Manual (R. Yuste, et al., editors), 1999, pp. 23.1-23.15, ( Press	culation", <i>Imaging Net</i> Cold Spring Harbor La	<i>irons: A</i> boratory			
	BC	TSAI, P., et al., "All-optical, in-situ histology of neuronal tissue with fin Neuroscience and Development: A Laboratory Manual (R. Yuste, 826, Cold Spring Harbor Laboratory Press					
	BD	KLEINFELD, D., et al., "Fluctuations and stimulus-induced changes capillaries in layers 2 through 4 of rat neocortex", <i>Proc. Natl. Acad.</i> \$ 15741-15746, Vol. 95, Neurobiology					
	BE	FUJIMOTO, J., "Optical coherence tomography for ultrahigh resoluti Biotechnology, Volume 21, Number 11, November 2003, pp. 1361-1	on in vivo imaging", N 367	ature			
	BF	XIE, T., et al., "High-speed optical coherence tomography using fibe modulation", <i>Optics Express</i> , Dec. 1, 2003, pp. 3210-3219, Vol. 11,		hase			
	BG	POTTER, S., "Vital imaging: Two photons are better than one", Curr 12:1595-1598	ent Biology 1996, Vol	6, No.			
	вн	IYER, V., et al., "A compact two-photon laser-scanning microscope is commercial components", <i>Proceedings of SPIE Multiphoton Micro II</i> , A. Periasamy & P.T.C. So, Eds., June 2002, pp. 274-280, Vol. 46	scopy in the Biomedic				
	BI	MAINEN, Z. F., et al., "Two-Photon Imaging in Living Brain Slices", I in Enzymology, 1999, pp. 231-239, Vol. 18	Methods: A Companio	on to Methods			
$\sqrt{}$	BJ	TSAI, P.S. et al., "Principles, Design and Construction of a Two-Pho In Vitro and In Vivo Brain Imaging", pp. 113-171, Ch. 6 of <i>In Vivo Op</i> R.D. Frostig, Ed., 2002, CRC Press	ton Laser-Scanning N tical Imaging of Brain	licroscope for Function,			
/hmj/	ВК	TSAI, P.S., et al., "All-Optical Histology Using Ultrashort Laser Pulse 41, Vol. 39	es", <i>Neuron</i> , July 3, 20	003, pp.27-			
Examiner Signature		/Henry M. Johnson, III/	Date Considered	03/16/200	<del></del> -		

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw time unlough Gaston in not in conformance with MPEP 609. Draw time unlough Gaston in not in conformance with MPEP 609. Draw time unlough Gaston in not in conformation to applicant.

Applicant's unique citation designation number (optional). 
Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.